

## CLAIMS

What is claimed is:

- 1           1.     An actuating device for a vehicle clutch, said actuating device  
2 comprising:  
3           a cylinder;  
4           a stop which is fixed in relation to the cylinder;  
5           a piston which can execute a working movement in said cylinder as a  
6 function of a supply of pressure medium, said piston having a working travel limiting  
7 surface; and  
8           a damping device arranged between the stop and the working travel  
9 limiting surface.
- 1           2.     An actuating device as in claim 1 wherein the damping device  
2 comprises a resilient body.
- 1           3.     An actuating device as in claim 2 further comprising a guide sleeve  
2 on which said piston is mounted for movement and a guide ring which centers said  
3 piston on said guide sleeve, said guide ring forming said damping device.
- 1           4.     An actuating device as in claim 2 further comprising a guide sleeve  
2 on which said piston is mounted for movement and a seal which seals said piston in  
3 relation to said guide sleeve, said seal forming said damping device.

1           5.     An actuating device as in claim 1 wherein the piston has an annular  
2     step comprising an axial surface which forms said working travel limiting surface and a  
3     circumferential surface which is oriented toward a circumferential surface of the stop.

1           6.     An actuating device as in claim 1 wherein the stop and the piston  
2     form a compression space having a volume which is dependent on the position of the  
3     piston.

1           7.     An actuating device as in claim 6 wherein the stop forms a part of  
2     the compression space into which the piston can move.

1           8.     An actuating device as in claim 5 wherein said annular step forms  
2     part of a compression space having a volume which is dependent on the position of the  
3     piston, the actuating device further comprising a seal which is effective between the  
4     circumferential surface of the piston and the circumferential surface of the stop.

1           9.     An actuating device as in claim 6 further comprising a throttle orifice  
2     communicating with said compression space.

1           10.    An actuating device as in claim 9 comprising a plurality of throttle  
2     orifices communicating with said compression space, said orifices being blocked as a  
3     function of the position of the piston.

1           11.    An actuating device as in claim 5 wherein said circumferential  
2     surfaces are conical surfaces.

1                   12.    An actuating device as in claim 11 further comprising an  
2    elastomeric ring between the conical surface of the piston and the conical surface of the  
3    stop.

1                   13.    An actuating device as in claim 1 further comprising a groove in  
2    which the stop is mounted, the stop comprising a radially elastic ring which is mounted  
3    in the groove with radial play.